

BOROUGH OF LOUGHBOROUGH.



# Annual Reports

OF THE

MEDICAL OFFICER OF HEALTH

AND

INSPECTOR OF NUISANCES,

FOR THE

Year Ending 31st December, 1915.



LOUGHBOROUGH :

TOPPING AND SONS, PRINTERS AND STATIONERS,  
LEICESTER ROAD.

# *Report of Medical Officer of Health.*

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## **To the Town Council of the Borough of Loughborough.**

GENTLEMEN,

I have the honour to present to you my Annual Report for the year 1915.

Area in Statute Acres, 3045.

Population (Census 1911) 22,990 (Estimated 23,724).

No. of Inhabited Houses, 6056.

Average number of Persons per house, 3.8.

The Borough of Loughborough is situated in the valley of the River Soar, west of that River, which forms the eastern boundary of the Borough. The ground levels vary from 120 feet above O D. in the neighbourhood of the Meadows adjoining the River, to 200 feet O D. on the South-western side of the Borough. The district between the Leicester Canal and the River is comparatively level, whilst the remainder of the Borough is undulating. The Hermitage Brook drains the lower levels above referred to, and the Woodbrook and Burleigh Brook drain the higher levels towards the Charnwood Forest into the River Soar. The district to the North east of the Midland Railway is practically unbuilt upon, the bulk of the property being built upon the higher levels. The subsoil in the lower levels is drift gravel overlying the Upper Keuper Marls, and varies in thickness from 5 to 20 feet, and the saturation level is found about 4 feet below the surface. In the remaining parts of the town the subsoil is practically the same, except that the thickness of the gravel varies considerably, in certain parts of the town there being only a few inches, and in other parts it runs from 10 to 15 feet, chiefly in "pockets." Subsoil water level would average 10 feet below the surface in the town other than the district east of the Midland Railway.

## **Occupation of Inhabitants.**

The chief occupations are in hosiery and dyeing workshops. These employ a considerable proportion of female labour, but the health conditions of the hosiery and dyeing workshops of Loughborough will compare favourably with other towns of the same size. There are also several large engineering firms employing chiefly men; in these, the health conditions leave nothing to be desired.



## **The Water Supply.**

The water supply of the district is derived from the uplands of the Charnwood Forest, a sparsely populated district, most of which is grass land. The water has no plumbo-solvent action, and is collected from the sources of supply of the Blackbrook and Woodbrook, each stream having a separate Reservoir in which the water is stored. The Blackbrook watershed is the larger, as also is the Reservoir, and stands on a higher altitude so that the water gravitates therefrom to the Woodbrook Reservoir at Nanpantan, where ample means of filtration of the latest type are available to render the water free from all risk of pollution. The supply is ample and continuous, and the mains would have been extended to the Knightthorpe Road District but for the Treasury refusing sanction to the Town Council carrying out this work at the present time. When normal conditions return I shall be glad if this much-needed extension can be carried out as soon as possible.

## **Rivers and Streams.**

There is no pollution of rivers or streams from the Borough, as the Sewage effluent is good.

## **Sewerage and Drainage.**

Sewage is disposed of at the farm by :—(1) Dortmund Tanks, by which a large amount of heavy sludge is extracted ; (2) by irrigation over a cultivated farm, in furrows, with a specially drained subsoil ; (3) by bacteria beds ; and (4) by broad irrigation.

The Sewage Farm and the works thereon have been acting satisfactorily during the year, and, now that the extensions to the Irrigation works have been completed, should be of ample capacity for the Borough for some considerable time to come.

The sewerage and drainage of the Borough is excellent and sufficient with the exception of the Knightthorpe Road district, and I trust this matter will again receive consideration as soon as normal conditions prevail. I am convinced that this is one of the most pressing matters requiring attention because there is a considerable amount of pollution taking place in the neighbourhood.

## **Excrement Disposal.**

This is accomplished by :—(1) the water carriage system ; (2) pail closets ; (3) common midden and privy arrangements. This last system, namely the midden-privy system is being gradually abolished, no such arrangement being permitted for new houses. During the last three years 273 middens have been converted to water-closets, with dust-bins and dry ashpits provided so that there is a regular weekly collection of household refuse,

## **Removal and Disposal of House Refuse.**

This work is undertaken by the Corporation, with the exception of providing the horses which are contracted for. I am sorry to have to report that during the past year this system has not been carried out satisfactorily. I would recommend that the Corporation themselves provide the horses, or some kind of mechanical traction. Pail closets are emptied weekly, middens when necessary.

## **Nuisances.**

From the report of the Inspector of Nuisances hereto appended, it will be noticed that 399 nuisances of various kinds have been abated. Quite a large amount of Sanitary Work has been carried out during the year.

## **Food and Milk Supply.**

The milk supply of the Borough is from the Farms of the district immediately surrounding it. The milk consumed is of good quality. The dairies and small cow-sheds of the Borough are all kept under constant supervision by the Sanitary Inspector and myself.

Frequent visits are made to slaughterhouses to ensure that the bye-laws are observed, and also to detect diseased meat in preparation for the food of man. The places are all kept in a clean condition and I am pleased to observe that several of the older ones are being practically re-constructed.

139 stones of beef, 3 carcasses and offals of pork, 1 carcass and offals of mutton, 10 lbs. of bacon, 1 barrel and 14 boxes of apples, 6 cwts. of onions, 27 boxes of tomatoes, 3 cases of pomegranates, and 126 eggs were condemned as unfit for food and destroyed at the destructor during the year.

## **Infectious Diseases, Methods of dealing with—**

An Isolation Hospital is provided for cases of Enteric Fever and Diphtheria, and, where proper isolation cannot be carried out at home, of occasional cases of scarlet fever.

Disinfection is accomplished by :—(1) the Steam Disinfector at the Sewage Farm ; (2) fumigation with Sulphur and Formic Aldehyde ; and (3) spraying with Izal, Formalin, and Perchloride of Mercury.



## **Tuberculosis.**

### **Public Health (Tuberculosis) Regulations, 1912.**

This Council has arranged to come under the County Scheme for Sanatoria and Hospital treatment. Health visitors have been appointed to visit and advise all cases of Tuberculosis.

The rooms occupied by the patients are periodically disinfected by the Sanitary Inspector with Formalin, or when a removal takes place or a death occurs the rooms are fumigated and the beds put through the Steam Disinfector.

Twenty-seven specimens of sputa, etc., were forwarded to the Royal Institute of Public Health for bacteriological examination.

## **Measles.**

The Local Government Board have made new regulations with reference to the notification of Measles and German Measles, which came into operation on the 1st of January, 1916.

### **Duties of Local Authorities and Medical Officers of Health.**

(1) A Medical Officer of Health on receipt of a notification under these regulations in relation to a case occurring in a house or institution which is not in his district shall forthwith notify the Medical Officer of Health of the District in which the house or institution is situated.

(2) Upon the receipt of a notification under these Regulations or on becoming aware in any other way of a case, or suspected case, of Measles or German Measles in his district, the Medical Officer of Health, or an officer of the Local Authority acting under the instructions of the Medical Officer of Health, shall make such enquiries, and take such steps as are necessary or desirable for investigating the source of infection, for preventing the spread of infection, and for removing conditions favourable to infection, and if a Medical Practitioner is not in attendance on the patient, the Medical Officer of Health shall also take such steps as are necessary or desirable for ascertaining the nature of the case.

The Local Authority may provide or contract for the provision of medical assistance for the poorer inhabitants of the district when suffering from either of the diseases above mentioned.

## **Midwives Act, 1902.**

The County Council carry out this Act.

## Water Committee.

The policy of coupling up the mains in the Borough, so as to increase circulation and pressure, has been steadily pursued during the year. As pointed out in a previous paragraph of this report, the mains should be extended to Knightthorpe Road as soon as the Treasury permits.

The watersheds have been regularly patrolled, and steps taken to prevent pollution of the streams yielding our supplies.

## Rainfall for 1915.

Month.	Fall during Month.		No. of days on which rain fell.
January	...	2.21	21
February	...	2.84	18
March	...	.76	9
April	...	.78	9
May	...	1.78	7
June	...	1.39	7
July	...	9.78	21
August	...	2.16	17
September	...	.92	7
October	...	1.19	10
November	...	2.80	12
December	...	4.55	26
		31.16 inches	164 days

## Births.

The total number of births registered in the Borough was 482, which is 35 less than last year, and is one per 1,000 below the average of the last five years, and is an annual birth rate of 20.3 per thousand. Of these 242 were boys and 240 girls. 26 of these births were illegitimate.

## Mortality.

The total number of deaths registered in the Borough was 326 from which must be deducted 16 of persons not belonging to the Borough and 13 added of Loughborough residents, which were registered outside the Borough, which gives the correct number of the deaths of Loughborough residents as 323, which is 2 more than last year, and is an annual death rate of 13.6.

## Infantile Mortality.

The total number of deaths under one year is 52, which is the same as last year, and three below the average of the last five years, and is an infantile mortality of 107 per thousand births registered.

The death ratio under one year of legitimate children born is 1 in 9, whilst that of illegitimate is 1 in 26

## Zymotic Mortality.

The total number of deaths from Zymotic Diseases, including influenza and diarrhoea is 45, being 17 less than last year.

## Infectious Diseases Notified.

Diphtheria	...	...	...	18
Erysipelas	...	...	...	16
Scarlet Fever	...	...	...	92
Enteric Fever	...	...	...	2
Puerperal Fever	...	...	...	0
Pulmonary Tuberculosis	...	...	...	27
Other forms of	„	...	...	3
Opthalmia Neonatorum	...	...	...	3

## Diphtheria and Membranous Croup.

18 cases of this disease were notified during the year, no cases under 1 year of age, 3 of them were between the ages of 1 and 5 years, 11 of them were between 5 and 15 years of age, 1 of them was between 15 and 25 years of age, 3 of them were between 25 and 45 years of age. Four cases were removed to the Isolation Hospital.

## Scarlet Fever.

92 cases of this disease were notified, 14 being between ages 1—5, 63 between ages 5—15, 9 between ages 15—25, and 6 between ages 25—45.

## Erysipelas.

16 cases were notified, 9 between ages 45 and 65, and 7 from 65 and upwards, which is 7 more than last year.

## Enteric Fever.

3 cases were notified, 1 notification being afterwards withdrawn, which is 9 less than last year. All these cases were removed to the Isolation Hospital.



## Housing and Town Planning Act.

The number of houses inspected is 106, and 29 of these were found to be defective, and unfit for human habitation. 11 representations were made to the Committee for Closing Orders and 11 were granted.

Before a closing order is made the Town Clerk communicates with the owner of the property, pointing out the defects, and indicating that a Closing Order will be made unless the repairs are carried out. This has answered very well, and in nearly all cases the alterations have been carried out. If the owner refuses to put the work in hand, then a Closing Order is made.

Defects were remedied in 18 cases without asking for a Closing Order.

The general order of the defects found were defective roofs and rain-water conductors, damp walls, insufficiently lighted and ventilated, dirty, dilapidated, overcrowded, insanitary drains, closets and ashpits, and defective paving of yards, &c.

Six houses have been demolished as the result of Closing Orders.

### STATEMENT

Required by Article V. of the Housing (Inspection of District) Regulations, 1910, in regard to the Inspection of dwelling-houses under Section 17 of the Housing, Town Planning, etc. Act, 1909.

Number of dwelling houses inspected under and for the purposes of the Section	...	...	...	...	106
Number of such dwellinghouses which were considered to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	29
Number of dwelling-houses in respect of which representations were made to the Local Authority with a view to the making of Closing Orders	...	...	...	...	11
Number of houses in respect of which Closing Orders were made by the Local Authority	...	...	...	...	11
Number of dwelling-houses the defects of which were remedied without the making of Closing Orders	...	...	...	...	18
Number of dwelling-houses which, after the making of Closing Orders, were made fit for human habitation	...	...	...	...	12

General character of defects found to exist in the dwelling-houses inspected :—Defective roofs, defective rain-water conductors, damp walls, insufficiently lighted and ventilated, dirty, damp, overcrowded, insanitary drains, closets and ashpits, and defective paving of yards, &c.



## **Billeting of Troops.**

During the year a large number of Troops were billeted in the Borough. The Divisional Sanitary Officer gave instructions that no troops were to be accommodated in houses where there were pail-closets or privies, and the air space for each soldier to be not less than 300 cubic feet. (These arrangements were carried out under my supervision) The health of the troops was good. Several cases of scarlet fever were notified from houses where troops were billeted, the soldiers being at once removed to other premises and kept under observation, no cases of scarlet fever being notified among them.

## **Factory and Workshops Act.**

The total number of Inspections of Factories and Workshops was 227, namely 12 factories and 215 workshops. 8 nuisances were found existing, namely:—insufficient closet accommodation 2; no separate accommodation for the sexes 1; unsuitable and defective 4; dirty 1. On notice being sent these defects were remedied with one exception.

Appended is the Sanitary Inspector's Report, and Report of Schools to the Loughborough Education Committee on Schools in the Borough, also tabulated statistics as to population, births and mortality for the past five years, also of infectious diseases notified and ages; also of deaths of infants under one year, classified according to diseases and ages.

Copies of this Report, when printed, will be sent to the Local Government Board, the Home Office, and the Leicestershire County Council.

I have thankfully to acknowledge the valuable assistance I have received from the Borough Surveyor in the preparation of this Report.

I have the honour to be, Gentlemen,

Your obedient Servant,

N. B. M. BLACKHAM,

*Medical Officer of Health.*

TABLE I.—Vital Statistics of Whole District during 1915 and previous years.

BOROUGH OF LOUGHBOROUGH.

Year.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.†		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un. corrected Number.	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age		At all Ages.	
			Number.	Rate.					Number.	Rate per 1,000 Net Births.	Number.	Rate.
1910	24,180	...	508	21 0	263	10.6	21	5	39	76	247	10.2
1911	22,992	521	520	22.6	318	13 1	15	11	63	120	314	13.1
1912	23,500	536	534	22.7	286	12.1	27	9	50	93	268	11.4
1913	24,000	547	548	22 8	347	14 4	26	13	72	131	334	13.9
1914	24,000	517	517	21.5	330	13.7	19	10	52	100	321	12.5
1915	23,724	482	482	20.3	326	13 7	16	13	52	107	323	13.6

This Table is arranged to show the gross births and deaths registered in the district during the calendar year, and the births and deaths properly belonging to it with the corresponding rates.

† “Transferable Deaths” are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided.

Area of District in acres (land and inland water)	..	..	..	..	3045
Total Population at all ages	..	..	..	..	22,992
Total families or separate occupiers	..	..	..	..	6047

} At Census 1911.



TABLE II.—Cases of Infectious Disease notified during the Year 1915.

BOROUGH OF LOUGHBOROUGH.

Notifiable Disease.	NUMBER OF CASES NOTIFIED.								Total Cases notified in each Locality of District.					
	At all Ages.	Under 1 year.	1 to 5 years.	5 to 15 years.	15 to 25 years.	25 to 45 years.	45 to 65 years.	65 years and upwards.						Total cases removed to Hospital.
Small-pox ..	..	..	..	..	..	..	..	..						..
Cholera Plague ..	..	..	..	..	..	..	..	..						..
Diphtheria (including Membranous Croup) ..	18	..	3	11	1	3	..	..						4
Erysipelas ..	16	..	..	..	..	..	9	7						..
Scarlet Fever ..	92	..	14	63	9	6	..	..						..
Typhus Fever ..	..	..	..	..	..	..	..	..						..
Enteric Fever ..	2	..	..	1	1	..	..	..	One notification with drawn					3
Relapsing Fever ..	..	..	..	..	..	..	..	..						..
Continued Fever ..	..	..	..	..	..	..	..	..						..
Puerperal Fever ..	..	..	..	..	..	..	..	..						..
Cerebro-spinal Meningitis ..	..	..	..	..	..	..	..	..						..
Poliomyelitis ..	..	..	..	..	..	..	..	..						..
Ophthalmia Neonatorum ..	3	3	..	..	..	..	..	..						..
Pulmonary Tuberculosis ..	27	..	..	4	6	4	3	..						11
Other forms of Tuberculosis ..	3	..	..	1	1	1	..	..						..
Totals ..	161	3	17	80	18	24	12	7						18

TABLE III.—Causes of, and Ages at Death during the Year 1915.

## BOROUGH OF LOUGHBOROUGH.

CAUSES OF DEATH.		Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.
		All ages.	Under 1 year.	1 and under 2 yrs.	2 and under 5 yrs.	5 and under 15 yrs.	15 and under 25 yrs.	25 and under 45 yrs.	45 and under 65 yrs.	65 and upwards.	
All causes	Certified ..	323	52	9	10	13	11	46	75	107	49
	Uncertified ..	..	..	..	..	..	..	..	..	..	..
Enteric Fever ..	..	..	..	..	..	..	..	..	..	..	..
Small Pox ..	..	..	..	..	..	..	..	..	..	..	..
Measles ..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever ..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup ..	..	3	..	..	2	..	..	1	..	..	..
Influenza ..	..	2	..	..	..	..	..	..	..	2	..
Erysipelas ..	..	..	..	..	..	..	..	..	..	..	..
Phthisis ..	..	..	..	..	..	..	..	..	..	..	..
(Pulmonary Tuberculosis) ..	..	21	..	..	..	2	4	10	5	..	3
Tuberculous Meningitis ..	..	3	..	..	1	2	..	..	..	..	..
Other Tuberculous Diseases ..	..	3	..	1	..	2	..	..	..	..	..
Cancer, malignant disease ..	..	18	..	..	..	1	..	5	4	8	2
Rheumatic Fever ..	..	..	..	..	..	..	..	..	..	..	..
Meningitis ..	..	..	..	..	..	..	..	..	..	..	..
Organic Heart Disease ..	..	54	..	..	1	2	3	..	21	27	8
Bronchitis ..	..	29	8	1	..	..	..	1	4	15	1
Pneumonia (all forms) ..	..	30	4	2	2	2	3	9	5	3	2
Other diseases of Respiratory organs ..	..	1	..	..	..	..	..	..	1	..	..
Diarrhoea and Enteritis ..	..	16	12	2	..	1	..	..	1	..	..
Appendicitis and Typhlitis ..	..	1	..	..	..	..	..	..	..	1	1
Cirrhosis of Liver ..	..	2	..	..	..	..	..	..	1	1	..
Alcoholism ..	..	..	..	..	..	..	..	..	..	..	..
Nephritis & Bright's Disease ..	..	12	..	..	..	..	..	4	8	..	1
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..	..
Other accidents and diseases of Pregnancy and Parturition ..	..	3	..	..	..	..	1	2	..	..	..
Congenital Debility and Malformation, including Premature Birth ..	..	17	17	..	..	..	..	..	..	..	..
Violent Deaths, excluding suicide ..	..	8	1	..	3	..	..	1	2	1	3
Suicide ..	..	3	..	..	..	..	..	1	2	..	..
Other Defined Diseases ..	..	97	10	3	1	1	..	12	21	49	28
Diseases ill-defined or unknown ..	..	..	..	..	..	..	..	..	..	..	..
TOTALS ..	..	323	52	9	10	13	11	46	75	107	49



TABLE IV.—INFANT MORTALITY during the Year 1915.

Nett Deaths from stated causes at various Ages under 1 Year of Age.

## BOROUGH OF LOUGHBOROUGH.

CAUSES OF DEATH.			Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
All causes	Certified ..	..	..	..	..	..	..	..	..	..	..	..
	Uncertified ..	..	..	..	..	..	..	..	..	..	..	..
Small Pox	..	..	..	..	..	..	..	..	..	..	..	..
Chicken Pox	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous)	..	..	..	..	..	..	..	..	..	..	..	..
Convulsions	..	1	..	..	..	1	2	1	2	..	6	6
Laryngitis	..	..	..	..	..	..	..	1	2	4	1	8
Bronchitis	..	..	..	..	..	..	1	2	2	..	4	4
Pneumonia (all forms)	..	..	..	..	..	..	2	2	3	1	6	6
Diarrhoea	..	..	..	..	..	..	..	4	..	2	..	6
Enteritis	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis	..	..	..	..	..	..	..	..	..	..	..	..
Syphilis	..	..	..	..	..	..	..	..	..	..	..	..
Rickets ..	..	..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying	..	..	..	..	..	..	..	1	..	..	..	1
Injury at Birth	..	..	..	..	..	..	..	..	..	..	..	..
Atelectasis	..	1	..	..	..	1	..	..	..	..	..	1
Congenital Malformations..	1	..	..	..	1	8	2	..	..	..	..	10
Premature Birth ..	6	1	..	1	..	..	..	..	..	..	..	..
Atrophy, Debility and	..	..	..	..	..	..	..	..	..	..	..	..
Marasmus	..	1	..	..	1	2	1	3	..	..	6	6
Other Causes	..	..	..	..	..	..	1	..	1	1	3	3
TOTALS	..	10	1	..	2	13	13	11	12	3	52	52

Nett Births registered	{	legitimate	..	456
		illegitimate	..	26
Nett Deaths	{	legitimate infants	..	51
		illegitimate infants	..	1

## *Report of the School Medical Officer.*

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**To the Chairman and Members of the Loughborough Education Committee.**

MR. CHAIRMAN, MRS. CLIFFORD, AND GENTLEMEN,

I have the honour to present to you my Report for the year 1915, on the work of the School Medical Service during that period.

The population of Loughborough is estimated at about 24,000. A considerable amount of work has been done during the year by the Assistant Medical Officer and School Nurse, and the result has been very satisfactory as shewn by the great improvement in the health, cleanliness, and general bearing of the children.

Mothers are taking more interest in the Medical Inspections, and carrying out the advice given to them. It has often been said that children come to School clean, only on Inspection days; so to prove the statement a surprise visit was paid to one of the Schools, and a large number of children of all ages examined. Every child examined was clean both on body and head, clothing clean and well darned. and in cases where the child was in delicate health it was ascertained that the mother had seen the Doctor or was taking the child to the School Clinic.

The School Clinic is now beginning to shew its value, both as regards the shortening of non-attendance at School and on the health of the children of poor class parents.

A child with a dirty head comes to the Clinic twice a week, the hair is kept cut short and suitable treatment ordered, and if the mother does not come to the Clinic, then the Nurse pays a visit to the home and advises the mother as to method of treatment. Before the Clinic was working, this same child would be away from School for weeks on end, now, one week usually suffices for the child to be fit to attend School.

A large number of cases of scabies have cropped up within the last few months, and it is worthy of mention that in practically all the cases the father is a soldier, and was home on leave a few days before the mother saw signs on the child. It is a pity that something could not be done together with the Military Authorities, as once this vile disease gets a firm foundation it takes months to thoroughly eradicate it from a School.

Ninety-one Medical Inspections have been held during the year, and only in fourteen cases have the parents refused to have their children examined out of a total of 1343 children examined.



The total is made up as follows—

Intermediate Inspection Boys	...	190
Intermediate Inspection Girls	...	169
Entrants	... ..	507
Leavers	... ..	477

Special attention has been paid this year to children with defective eyesight. The Nurse visits the parents and informs them that the child is defective in this respect. If the case is a bad one glasses are ordered, or if only slight the parents are told to “build up” the child with tonics, good food and fresh air, while a watch is kept on the child at School, and his or her eyes examined once or twice during the year. This method has proved very satisfactory, and in a great many cases has cut short a defect which if left alone would become permanent and incurable. In the “Leavers” group most attention has been paid to boys and girls with weak chests. The parents are seen by the Doctor or Nurse, warned as to the condition of the boy or girl, and advised regarding the treatment and general care for years to come.

The condition of the teeth of the children is now beginning to shew some improvement. The Dental Clinic is in full working order. At present children between the ages of 6 and 8 are only being treated, except in a few special cases. A still further improvement is certain to be shewn in the immediate future.

The ventilation, warming, equipment, and sanitation of the various Schools maintained by the Committee are quite satisfactory, and the out-offices are kept by the Caretakers in a clean and wholesome condition. The Schools are periodically disinfected, and special attention paid to the Infants’ departments. The Schools have been very free from infectious disease during the year.

Appended is a table shewing details of the various cases inspected during the year, with results.

In conclusion I have pleasure in acknowledging the loyal assistance of the whole staff, and in pointing out the valuable work done by the School Nurse.

I have the honour to be,

Mr. Chairman, Mrs. Clifford, and Gentlemen,

Your obedient Servant,

N. B. M. BLACKHAM,

*School Medical Officer.*

25, Victoria Street,

*Loughborough.*

26/3/16.

# DETAILED STATEMENT OF MEDICAL INSPECTION WORK DONE DURING THE YEAR.

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Total number of children examined by the School Doctor ...	1343
School Clinic opened July 2nd for minor ailments, Cases treated to Dec 31st ... ..	261
Eyes tested from July 2nd to Dec 31st ... ..	64
School Clinic opened for Dentistry June 29th, cases treated to date including second treatment ... ..	111
Letters sent to Parents <i>re</i> bad condition of teeth ... ..	190
Number of Parents accepting treatment ... ..	94

## CHILDREN WITH DEFECTIVE SIGHT.

Treatment from Medical Inspections ... ..	96
Spectacles found by Parents ... ..	32
Spectacles found by Trustees of John Storer's Charity... ..	39
Children waiting for testing .. ...	10
Children sent to Specialist ... ..	3
Children being attended to by Parents ... ..	6

DEFECTIVE TEETH (Special Cases over 8 years of age)	15
Attended to at Parents' expense ... ..	9
Attended to at Clinic ... ..	6

CHILDREN FOUND TO REQUIRE TREATMENT BY THE SCHOOL MEDICAL OFFICER .. ..	38
Attended to at Clinic ... ..	7
Attended to by own Doctor ... ..	31
Children excluded from School during the year—Tubercular, Anaemia, Rheumatism, Chorea, etc. ...	26

MENTALLY DEFICIENT CHILDREN (Specially examined)—11 Girls and 6 Boys.	17
Ages 5 6 7 8 9 12 13 years.	
1 1 3 3 5 2 2	

(Doctor reports fifteen would be better in a special class for these cases.)

Children sent out of School for verminous heads and bodies, unsatisfactory clothing, etc ... ..	25
---	----

(Two Girls were excluded 8 times during the year)

Ringworm cases reported ... ..	35
Visits made by Nurse from Medical Officer's Report ...	912
Girls heads periodically examined during the year.	

Unsatisfactory cases, average 6%.

## TONSILS AND ADENOIDS.

Treatment advised by School Medical Officer ... ..	98
Sent to Hospital ... ..	35
Operation at Home... ..	6
Refused on account of being too young ... ..	7
Refused for other reasons ... ..	20
Left town before treatment ... ..	5
Sent to Specialist ... ..	1
Treatment from own Doctor ... ..	11
Own Doctor says not necessary ... ..	13



TABLE I.

Number of Children Inspected 1st January, 1915, to 31st December, 1915.

AGE.	EXTRANTS.						A Intermediate Group.	LEAVERS.					TOTAL.	B SPECIAL CASES.
	3	4	5	6	Other Ages.	Total		8	12	13	14	Other Ages.		
GIRLS	8	125	109	27	16	285	169	185	23	1	18	230	684	17
BOYS	8	84	102	11	17	222	190	211	14	1	18	247	659	12
	16	209	211	38	33	507	359	399	37	5	36	477	1343	29

TABLE II.

Return shewing the Physical Condition of Children Inspected.

CONDITION.	ENTRANTS.				INTERMEDIATE GROUP.				LEAVERS.				TOTAL.				SPECIAL CASES.			
	Boys	Girls	Total	Per cent.	Boys	Girls	Total	Per cent.	Boys	Girls	Total	Per cent.	Boys	Girls	Total	Per cent.	Boys	Girls	Total	Per cent.
CLOTHING—																				
Satisfactory .....	205	268	473	93.3	182	156	338	94.1	233	227	460	96.4	620	651	1271	94.6	5	11	16	55.1
Unsatisfactory .....	17	17	34	6.7	8	13	21	5.9	14	3	17	3.6	39	33	72	5.4	7	6	13	44.9
FOOTGEAR																				
Satisfactory .....	206	269	475	93.7	183	157	340	94.7	238	222	460	96.4	627	648	1275	94.9	10	12	22	75.8
Unsatisfactory .....	16	16	32	6.3	7	12	19	5.3	9	8	17	3.6	32	36	68	5.1	2	5	7	24.2
CLEANLINESS OF HEAD—																				
Clean (i.e. no nits or pediculi) .....	218	261	479	94.5	184	157	341	94.9	245	202	447	93.7	647	620	1267	94.3	12	17	29	100.0
Nits only .....	4	24	28	5.5	6	12	18	5.1	2	28	30	6.3	12	64	76	5.7	—	—	—	—
Pediculi .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CLEANLINESS OF BODY—																				
Clean .....	209	277	486	95.8	176	154	330	91.9	238	225	463	97.1	623	656	1279	95.2	11	13	24	82.8
Dirty .....	13	8	21	4.2	14	15	29	8.1	9	5	14	2.9	36	28	64	4.8	1	4	5	17.2
Pediculi present .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
NUTRITION																				
Excellent .....	3	3	6	1.2	7	1	8	2.2	1	4	5	1.1	11	8	19	1.4	1	2	3	10.3
Normal .....	187	264	451	88.9	124	102	226	63.0	208	186	394	82.6	519	552	1071	79.8	9	14	23	79.3
Below Normal .....	27	13	40	7.9	39	50	89	24.8	38	36	74	15.5	104	99	203	15.1	1	1	2	6.9
Bad .....	5	5	10	2.0	20	16	36	10.0	—	4	4	0.8	25	25	50	3.7	1	—	1	3.5
NOSE AND THROAT—																				
No defect .....	125	207	332	65.5	81	60	141	39.3	192	190	382	80.1	398	457	855	63.7	6	9	15	51.7
Tonsils: slight .....	33	36	69	13.6	39	42	81	22.6	39	16	55	11.5	111	94	205	15.3	2	3	5	17.2
Tonsils: enlarged .....	33	17	50	9.9	35	33	68	18.9	8	16	24	5.1	76	66	142	10.6	2	2	4	13.8
Adenoids: slight .....	29	22	51	10.0	28	26	54	15.0	4	6	10	2.1	61	54	115	8.5	—	2	2	6.9
Adenoids: enlarged .....	2	3	5	1.0	7	8	15	4.2	3	2	5	1.1	12	13	25	1.8	1	1	2	6.9
Mouth Breathers .....	—	—	—	—	—	—	—	—	1	—	1	0.1	1	—	1	0.1	1	—	1	3.5
EXTERNAL EYE DISEASE—																				
No Disease .....	221	283	504	99.4	189	169	358	99.7	230	247	477	100.0	640	699	1339	99.7	12	17	29	100.0
Blepharitis .....	1	2	3	0.6	1	—	1	0.3	—	—	—	—	2	2	4	0.3	—	—	—	—
Conjunctivitis .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Corneal opacities .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
EAR DISEASE—																				
No Disease .....	214	269	483	95.2	186	167	353	98.3	241	226	467	97.9	641	662	1303	97.2	8	12	20	69.0
Obstruction: R. ....	3	2	5	1.0	1	—	1	0.3	1	1	2	0.4	5	3	8	0.6	1	1	2	6.9
Obstruction: L. ....	2	2	4	0.8	1	—	1	0.3	1	1	2	0.4	4	3	7	0.5	1	1	2	6.9
Otorrhoea: R. ....	1	5	6	1.2	2	2	4	1.1	—	—	—	—	3	7	10	0.7	1	2	3	10.3
Otorrhoea: L. ....	1	3	4	0.8	—	—	—	—	4	2	6	1.3	5	5	10	0.7	1	1	2	6.9
Other Disease .....	1	4	5	1.0	—	—	—	—	—	—	—	—	1	4	5	0.3	—	—	—	—
TEETH—																				
Sound .....	93	165	258	50.9	39	26	65	18.1	146	131	277	58.1	278	322	600	44.6	11	10	21	72.4
Less than four decayed .....	80	68	148	29.2	52	64	116	32.3	89	87	176	36.8	221	219	440	32.8	1	3	4	13.8
Four or more decayed .....	49	52	101	19.9	97	79	176	49.0	12	12	24	5.1	158	143	301	22.4	—	4	4	13.8
Sepsis .....	—	—	—	—	2	—	2	0.6	—	—	—	—	2	—	2	0.2	—	—	—	—
HEART AND CIRCULATION—																				
No Disease .....	214	281	495	97.6	182	162	344	95.8	234	217	451	94.5	630	660	1290	96.1	12	17	29	100.0
Organic Disease .....	—	1	1	0.2	2	—	2	0.6	—	1	1	0.2	2	2	4	0.3	—	—	—	—
Functional Disease .....	2	2	4	0.8	2	1	3	0.8	—	—	—	—	4	3	7	0.5	—	—	—	—
Anaemia .....	6	1	7	1.4	2	6	8	2.2	4	6	10	2.1	12	13	25	1.8	—	—	—	—
Other defect .....	—	—	—	—	2	—	2	0.6	9	6	15	3.2	11	6	17	1.3	—	—	—	—
LUNGS																				
No Disease .....	205	275	480	94.6	177	155	332	92.5	225	217	442	92.7	607	647	1254	93.4	9	15	24	82.8
Chronic Bronchitis & Bronchial Catarrh .....	11	5	16	3.2	3	4	7	1.9	10	5	15	3.1	24	14	38	2.8	—	—	—	—
Tuberculosis .....	2	1	3	0.6	10	8	18	5.0	—	—	—	—	12	9	21	1.6	—	—	—	—
Tuberculosis suspected .....	2	4	6	1.2	—	2	2	0.6	7	8	15	3.1	9	14	23	1.7	2	—	2	6.9
Other Disease .....	2	—	2	0.4	—	—	—	—	5	—	5	1.1	7	—	7	0.5	1	2	3	10.3
NERVOUS SYSTEM—																				
No Disease .....	220	280	500	98.6	188	167	355	98.8	240	223	463	97.1	648	670	1318	98.2	11	16	27	93.1
Epilepsy (major or minor) .....	—	—	—	—	—	1	1	0.3	—	—	—	—	—	1	1	0.1	1	1	2	6.9
Chorea .....	1	—	1	0.4	2	—	2	0.6	—	1	1	0.2	3	1	4	0.3	—	—	—	—
Other Disease .....	1	5	6	1.0	—	1	1	0.3	7	6	13	2.7	8	12	20	1.4	—	—	—	—
SKIN																				
No Disease .....	219	282	501	98.8	187	164	351	97.8	247	230	477	100.0	650	676	1329	99.0	12	17	29	100.0
Ringworm: body .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ringworm: head .....	1	1	2	0.4	1	—	1	0.3	—	—	—	—	2	1	3	0.2	—	—	—	—
Impetigo .....	1	1	2	0.4	1	—	1	0.3	—	—	—	—	2	1	3	0.2	—	—	—	—
Scabies .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Disease .....	1	1	2	0.4	1	5	6	1.6	—	—	—	—	2	6	8	0.6	—	—	—	—
RICKETS																				
No Disease .....	217	283	500	98.6	187	167	354	98.6	216	229	445	99.6	650	679	1329	99.0	12	17	29	100.0
Slight .....	1	—	1	0.2	2	1	3	0.8	1	1	2	0.4	4	2	6	0.4	—	—	—	—
Marked .....	4	2	6	1.2	1	1	2	0.6	—	—	—	—	5	3	8	0.6	—	—	—	—
DEFORMITIES—																				
No Deformity .....	221	284	505	99.6	184	167	351	97.8	243	225	468	98.1	648	676	1324	98.6	12	17	29	100.0
Deformity present .....	1	1	2	0.4	6	2	8	2.2	4	5	9	1.9	11	8	19	1.1	—	—	—	—
TUBERCULOSIS (Non-Pulmonary)																				
No Disease .....	217	280	497	98.0	180	161	341	95.8	247	229	476	99.8	611	673	1317	98.1	10	17	27	93.0
Glandular .....	5	5	10	2.0	10	5	15	4.2	—	1	1	0.2	15	11	26	1.9	1	—	1	3.5
Bones and Joints .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other forms .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	3.5
SPEECH																				
Not Defective .....	218	283	501	98.8	186	163	349	97.2	243	228	471	98.8	617	674	1321	98.4	8	10	18	62.1
Defective Articulation .....	1	—	1	0.2	4	6	10	2.8	4	2	6	1.2	9	8	17	1.3	2	4	6	20.7
Stammering .....	3	2	5	1.0	—	—	—	—	—	—	—	—	3	2	5	0.3	2	3	5	17.2
MENTAL CONDITION																				
Normal .....	216	285	501	98.8	189	169	358	99.7	236	227	463	97.1	611	681	1322	98.4	7	2	9	31.0
Dull or backward .....	3	—	3	0.6	1	—	1	0.3	8	2	10	2.1	12	2	14	1.1	—	—	—	—
Mentally Defective																				





# *Report of Inspector of Nuisances.*

—:O:—

SANITARY INSPECTOR'S OFFICE,  
TOWN HALL, LOUGHBOROUGH,

*May 2nd, 1916.*

**To His Worship the Mayor and Members of the Town Council.**

GENTLEMEN,

I have pleasure in submitting for your consideration my Seventh Annual Report on the operations of the Sanitary Department for the year ending December 31st, 1915.

## **Summary of Work done.**

Drains taken out	...	...	...	...	55
New drains laid	...	...	...	...	134
Drains stopped and cleansed	...	...	...	...	24
Drains defective	...	...	...	...	26
Gullies affixed	...	...	...	...	25
Sink drains disconnected	...	...	...	...	4
Sink wastes repaired	...	...	...	...	12
New sinkstones	...	...	...	...	2
Cesspools dispensed with	...	...	...	...	3
Accumulations of manure	...	...	...	...	13
Accumulations of rubbish	...	...	...	...	2
Yard surface repaired	...	...	...	...	6
Water conductors repaired	...	...	...	...	13
Water cisterns cleansed	...	...	...	...	1
Water closets repaired	...	...	...	...	13
Dirty closets cleansed	...	...	...	...	6
Closet doors repaired	...	...	...	...	3
Ashpit doors repaired	...	...	...	...	1
Dilapidated doors and windows repaired to open	...	...	...	...	12
Floors repaired	...	...	...	...	11
Dirty yards	...	...	...	...	1
Animals improperly kept	...	...	...	...	13
Houses connected to public sewer	...	...	...	...	1
Stagnant water and dykes cleansed	...	...	...	...	1
Overcrowded houses	...	...	...	...	11

Dirty houses cleansed ...	...	...	...	20
Water in cellars ...	...	...	...	1
Roofs repaired ...	...	...	...	4
Damp courses ...	...	...	...	11
Ceilings repaired ...	...	...	...	4
Damp walls ...	...	...	...	5
Dilapidations repaired ...	...	...	...	6
Drains ventilated and disconnected ...	...	...	...	15
W.C.'s in lieu of Privies ...	...	...	...	25
W.C.'s in lieu of pails ...	...	...	...	29
Ashpits dispensed with ...	...	...	...	29
Dust bins provided ...	...	...	...	73
Houses supplied with town's water ...	...	...	...	1
Wells closed ...	...	...	...	1
Houses cleansed after cases of infectious disease ...	...	...	...	2
Closet pails provided ...	...	...	...	23
Plaster off walls ...	...	...	...	2
Notices issued ...	...	...	...	136
Notices complied with ...	...	...	...	128
Houses inspected ...	...	...	...	582
Houses re-inspected ...	...	...	...	64
House to house inspections ...	...	...	...	106
Infected houses visited ...	...	...	...	372
Rooms fumigated ...	...	...	...	171
Rooms sprayed ...	...	...	...	282
Rooms washed and stripped ...	...	...	...	6
Lots of bedding stoved at Farm ...	...	...	...	116
Lots of bedding destroyed at Farm ...	...	...	...	6
Samples of water submitted for analysis ...	...	...	...	6
Houses supplied with town's water ...	...	...	...	
Drains and other inspections ...	...	...	...	1231
Miscellaneous reports ...	...	...	...	572
Communications re dust removal ...	...	...	...	89
Complaints received ...	...	...	...	40
Common lodging houses inspected ...	...	...	...	41
Factories, workshops, and bakehouses inspected ...	...	...	...	227
Dairies, cowsheds, and milkshops inspected ...	...	...	...	113
Slaughterhouses inspected ...	...	...	...	684
Outworkers' houses inspected ...	...	...	...	84
Vans inspected ...	...	...	...	12
Schools inspected ...	...	...	...	
Animals improperly kept ...	...	...	...	15
Accumulations of manure ...	...	...	...	20
Smoke observations ...	...	...	...	
Drains tested ...	...	...	...	183
Legal proceedings ...	...	...	...	1
Fried fish shops inspected ...	...	...	...	14
Offensive trades inspected ...	...	...	...	5
Stones of beef seized ...	...	...	...	139
Carcasses and offals of pork seized ...	...	...	...	3
Carcass and offals of mutton seized ...	...	...	...	1



Boxes of tomatoes seized	...	...	...	27
Bags of onions seized...	...	...	...	cwts. 6
Apples seized	...	...	...	1 barrel and 14 boxes
Lbs. of bacon seized	...	...	...	10
Boxes of pomegranates...	...	...	...	3
„ Eggs, containing	...	...	...	126
Privies emptied	...	...	...	386
Dry ashpits emptied	...	...	...	9393
Total loads	...	...	...	6629
„ Dry ashes	...	...	...	5429
„ to destructor	...	...	...	5293
„ to Thorpe and Park Lanes	...	...	...	136
„ of night soil and pan manure	...	...	...	1200

### Scavenging.

The cost of Scavenging for the seven years ending March 31st, 1915, is as follows:—

			£	s.	d.
1909	...	...	1365	3	7
1910	...	...	1220	2	2
1911	...	...	1198	9	8
1912	...	...	1209	0	0
1913	...	...	1194	9	10
1914	...	...	1235	19	0
1915	...	...	1337	6	5

We have an increase in the cost this year, which no doubt is owing to the higher price of labour and materials, and which is about equal to the year 1909.

The contract for horse hire is 50 per cent. higher than it was at the time of writing my first report, and I hope that the Sanitary Committee will provide their own horses at the first opportunity, not only because of the cost, but mainly because we shall get very much better service.

We are getting rid of the insanitary ashpit as quickly as possible and providing dust bins in place of them.

During the year there have been emptied 384 privies and 9,393 dry ashpits also the whole of the closet pails and dust bins which have been emptied weekly. The total quantity of refuse removed amounts to 6,629 loads, of which 5,429 loads were dry ashes, the remaining 1,200 loads of nightsoil and pan manure have been disposed of to the various farmers in the neighbourhood.

## **Drains, Drains Tested and Conversions.**

183 drains have been tested this year, either by the smoke machine or water test. A large number of defects were found and made good. 25 privies and 29 pails have been converted to water closets and all drains have been ventilated and disconnected.

We have not so many conversions to record this year, mainly on account of the war and the largely increased cost of materials, but with the return of normal conditions I hope that we soon shall largely reduce their numbers. The Military Authorities, when billeting troops in the Borough, gave instructions to us that no soldier was to be billeted in any house where there was a pail closet or privy.

## **Slaughterhouses.**

We have 22 slaughterhouses on the register, viz. :—15 registered and 7 licensed ones, which is the same number as last year. One slaughterhouse in Barrow Street has been adapted to other purposes, and one new one erected in Orchard Street. On the whole they are in fair condition, but I have had to serve notices in two cases for neglecting to limewash and to provide tins for garbage, &c.

## **Dairies, Cowsheds and Milkshops.**

There are 90 of these premises on the register at present and the majority are in good condition. At one farm where alterations were pending in last year's report, they have now been completed.

When the New Milk Bill becomes law I hope that the small general shop will not be allowed to sell milk, because one finds all sorts of goods stored close against the vessels which contain the milk.

## **Factories, Workshops and Bakehouses.**

During the year 227 inspections of these premises have been made, and in the majority of cases their condition was found to be satisfactory.

In several cases we have had to serve notices for not having separate accommodation for the sexes, closets ventilating direct into the workrooms, not having doors, and not being properly screened, &c.

Some of the bakehouses and workshops were not cleansed and limewashed at the stated times, but these have been done at once when I have requested them to do so.



## **Outworkers.**

This work is usually carried on in the houses of the people engaged therein, and consists principally of hosiery mending, tailoring, boot repairing, &c. The lists are sent in twice yearly and give us a total of 726 workers. No cases of Infectious Disease have occurred in the houses this year, but in one case homework was being carried on in unwholesome premises.

## **Offensive Trades.**

There has been no change in the numbers engaged in these businesses:—

3 tripe boilers,  
2 rag and bone dealers, and about  
20 fish fryers.

In one case complaints have been made about storing green bones on the premises and on visiting the premises, the occupier at once had them removed, and I have not seen any on the premises since.

## **Housing and Town Planning Act.**

During the year 106 houses have been inspected under this Act, with a total number of 170 inspections.

25 of these houses were found to be in a defective condition, and in the majority of cases have been put right.

11 Closing Orders were made, and 9 of these have been determined, the necessary works having been carried out; the remainder are in hand.

6 houses have been demolished as a result of closing orders made in previous years.

## **Disinfecting.**

In all cases of Infectious Disease, disinfection has taken place after the patient has recovered or death taken place. The rooms are fumigated either with formalin tablets or sulphur, the walls and floor being sprayed with liquid disinfectants, the clothes, bedding, etc., being taken to the steam disinfector.

Whilst the military were in and about the Borough, we had huge quantities of clothing, etc., sent to us to be put through the steam disinfector.

## **Water Supply.**

Six samples of water from wells have been analysed and all were found to be unfit for drinking purposes. The wells have not yet been closed on account of some difficulty in providing a supply from the mains, but the work is to be proceeded with as soon as possible.

## **Canal Boats.**

I am indebted to Mr. Clarke, the Canal Boats Inspector, for the following information:—That there are 19 boats on the register, and that 9 boats have been inspected. No contraventions of the Acts and Regulations have been met with, and no cases of Infectious Disease have occurred on any of the boats.

## **Food Inspection.**

As in previous years I have had a large number of requests to examine food of which the owners have been doubtful as to its fitness for human food. I am pleased to encourage this as far as possible. On the whole the class of food offered for sale in the Borough is good. There has been destroyed at the Destructor as unfit for human food 139 stones of beef, 3 carcasses and offals of pork, 1 carcass and offals of mutton, 10 lbs. of bacon, 1 barrel and 14 boxes of apples, 6 cwts. of onions, 27 boxes of tomatoes, 3 cases of pomegranates, and 126 eggs.

Proceedings were taken against a firm of grocers for exposing bacon unfit for the food of man. A conviction was obtained and they were fined £2 and costs.

## **Public Conveniences.**

These are regularly inspected, and are kept in a good condition, being periodically cleansed by the Corporation men. Others are to be erected as soon as suitable sites can be obtained.

## **Petroleum and Carbide of Calcium.**

There are 23 places licensed for the sale and storage of petroleum, and 6 premises licensed to store carbide of calcium. The premises are in good condition, and I have had no complaints to make throughout the year.



## Notices Served.

The number of notices served during the year is 136. Of these 128 were informal ones, and 8 were sent by instructions of the Sanitary Committee.

It is very gratifying to me to be able to report that my requests for the carrying out of sanitary works, involving in many instances large sums of money, have been complied with without my having to bring the matter before the Sanitary Committee, and very frequently without any notice at all except a verbal one.

In conclusion, I wish to thank my Committee most heartily for their unfailing support throughout the year.

I am, Gentlemen,

Your obedient Servant,

H. BINTCLIFFE,

Inspector of Nuisances.

# Leicestershire County Council.

## *Sanitary Inspector's Report.*

YEAR 1915.      BOROUGH OF LOUGHBOROUGH.

L.G.B. General Order (13 Dec. 1910)—Duties of Inspector of Nuisances Art. XX (16).

Total No. of Inspections made for all purposes	...	4531
„ „ Notices served	...	136
„ „ (Informal 128. Statutory 8)		
„ „ Summonses issued	...	1
„ „ Convictions obtained	...	1

COMPLAINTS	...	TOTAL No. received during the year	40
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### GENERAL SANITARY WORK.

Premises, houses, etc.	...	No. inspected	...	752
		Nuisances abated	...	296
Pool, ditch, gutter, watercourse	...	No. inspected	...	2
		Nuisances abated	...	2
Animals improperly kept	...	No. inspected	...	15
		Nuisances abated	...	15
Privies (middens)	...	No. of new provided	...	none
		No. existing repaired	...	none
		No. converted to pails	...	none
		No. converted to w.c.'s	...	25
Pails or earth closets	...	No. of new provided	...	none
		No. converted to w.c.'s	...	29
Water closets	...	No. of new provided	...	34
		No. converted from dry receptacles	...	none
		No. supplied with water, repaired or otherwise improved	...	88
Ashpits	...	No. of new provided	...	none
		No. converted to ashbins	...	29
Ashbins	...	No. of new provided	...	90
Cesspools	...	No. rendered impervious, repaired, cleansed, &c.	...	none
		No. abolished and drains connected to sewer	...	1
Drain, drain-traps, etc.	...	No. inspected	...	1231
		Nuisances abated	...	103

Smoke nuisances	...	...	No. of observations	...	3
			Nuisances abated	...	none
Offensive accumulations			No. inspected	...	20
			Nuisances abated	...	20
Insanitary houses ( <i>Public Health Act, 1875</i> ).	...	...	No. inspected	...	103
			No. cleansed, limewashed, repaired, &c.	...	25
			No. condemned	...	none
			No. closed	...	none
Overcrowding	...	...	No. of houses inspected		11
			Nuisances abated	...	10
All other insanitary conditions not included in above		...	No. inspected	...	78
			Nuisances abated	...	78
Common lodging houses		...	No. registered	...	3
			No. of inspections made		41
			No. of contraventions found		4
Offensive trades	...	...	No. established	...	25
			No. of premises inspected		48
			No. of contraventions of bye-laws ( <i>urban</i> )	...	3
Slaughter houses	...	...	No. in district	...	22
			No. "licensed"	...	7
			No. "registered"	...	15
			No. of inspections of premises		684
			No. of contraventions of bye-laws	...	8
Food—diseased, unsound, etc.	...		No. of seizures	...	1
			No. of summonses issued		1
			No. of convictions obtained		1
			No. of parcels of food surrendered	...	49
Infectious diseases and disinfection			No. of houses affected	...	161
			No. of houses inspected		140
			Total number of inspections made in this connection		372
			No. of house rooms disinfected	...	171
			No. of school rooms disinfected	...	none
			Lots of clothing disinfected		116
			Lots of clothing destroyed		6
			Is there a steam disinfector available	...	yes



Water supply	No. of samples taken for analysis ...	6
	No. condemned ...	6
	No. of wells closed ...	1
	No. of wells cleansed, repaired, etc.	none
	No. of instances in which the public supply was substituted for the well	1
	No. of cisterns cleansed, repaired, &c.	9
	No. of cistern waste pipes disconnected from the drain ...	3
Canal Boats Acts	No. of canal boats registered ...	19
	No. of inspections made ...	9
	No. of contraventions found ...	none
	No. of proceedings instituted ...	none

### Dairies, Cowsheds and Milkshops Orders, 1885—1889.

Have Regulations been adopted? ...	yes
Has a Veterinary Inspector been appointed? ...	yes
No. dairymen, etc. (milk-sellers) in the District? ...	90
No. of these registered (Order of 1885, sec. 6, (1), (2) ...	90
No. of inspections of their premises ...	113
No. of dairymen, etc., (butter and cheesemakers) in the district (Order of 1885), Sec. 6 (5), (6) ...	3
No. of inspections of their premises ...	6

#### PREMISES.

No. on Register ...	90
No. of inspections made ...	113
No. of inspections during milking time ...	6
No. of contraventions of the Regulations found ...	1
No. of premises found to require:—	
(a) Cleansing, etc. ...	3
(b) Structural or sanitary improvements (to include want of impervious paving of yards and cowshed floors, etc.) ...	1
No. of these requirements (a and b) carried out ...	4

#### WATER SUPPLY.

No. of premises deriving water supply from wells ...	4
No. of samples of such water taken for analysis ...	none
(All four analysed last year).	
Results of these analyses:—	
(a) Good ...	none
(b) Passable ...	none
(c) Condemned ...	none

#### LEGAL PROCEEDINGS.

No. of summonses issued under the Orders and Regulations...	none
No. of convictions obtained ...	none

## Housing (Inspection of District) Regulations, 1910.

No. of dwelling houses inspected...	...	...	106
Total number of inspections made...	...	...	170
No. of dwelling houses in which defects were found	...	...	29
No. of dwelling houses in which defects were rectified (i.e. made fit for human habitation), without recourse to Closing Orders, Sec. 15.	...	...	18
No. of representations to Local Authority with a view to the making of Closing Orders. Sec. 17 (2).	...	...	11
No. of Closing Orders made. (Sec. 17 (2)).	...	...	11
No. of dwelling houses closed:—			
(a) By voluntary action of owners	...	...	none
(b) As a result of Closing Orders	...	...	12
No. of dwelling houses which, after the making of Closing Orders, were put into a fit state for human habitation. Sec. 17 (6)	...	...	12
No. of dwelling houses demolished:—			
(a) By voluntary action of owners	...	...	none
(b) As a result of Closing Orders, Sec. 18 (2)	...	...	6

## Factory and Workshops Act, 1901.

Workshops	No on register (to include bakehouses)	184
	No. of nuisances abated	8
Bakehouses only	No. on register	44
	No. of nuisances abated	3
Homework	No. of outworkers	726
	No. of houses	726
	No. of infected ditto	none
Legal proceedings	No. of summonses issued	none
	No. of Convictions obtained	none

## General Information.

What arrangements are in operation for the disinfection of ;—

(a) Rooms?      (b) Articles of clothing?      (c) Bedding?

(a) Fumigating with sulphur, formic aldehyde, etc., spraying with iormalin, izal, and perchloride of mercury.

(b) Steam Disinfector, Izal, etc.      (c) Steam Disinfector.

What fumigant is used for (a)?      Formic aldehyde, sulphur, etc.

After fumigation is it the general practice to thoroughly cleanse and strip the wallpaper?—Not general practice, but do so where possible.

Have building bye-laws been adopted for the whole district—if not, for what (rural) parishes? Yes.

H. BINTCLIFFE,

*Inspector of Nuisances.*

N. B. M. BLACKHAM,

*Medical Officer of Health.*

